

DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

Atty. Docket No. GSTL0117PUSA
First Named Inventor Joseph P. Downes

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

LASER SCANNING METHOD AND SYSTEM FOR MARKING ARTICLES SUCH AS PRINTED CIRCUIT BOARDS, INTEGRATED CIRCUITS AND THE LIKE

the specification of which:

is attached hereto; or
 was filed on (MM/DD/YYYY) January 25, 2001 as U.S. Application Number or PCT International Application Number PCT/US01/02354, and was amended on (MM/DD/YYYY) _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below, and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Application Number(s) | Country | Foreign Priority Date (MM/DD/YYYY) | Priority Not Claimed | Certified Copy Attached? (Yes/No) |
|-------------------------------------|---------|------------------------------------|----------------------|-----------------------------------|
| | | | | |

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

| Application Number(s) | Filing Date (MM/DD/YYYY) |
|-----------------------|--------------------------|
| 60/178.814 | January 28, 2000 |

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

| Application Number(s) | Filing Date (MM/DD/YYYY) | Status: Patented, Pending, Abandoned |
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| | | |

Declaration for Patent Application (cont'd.)

Atty. Docket No. GSIL0117PUSA

I hereby appoint the following registered practitioners to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Ernie L. Brooks, Reg. No. 26,260; James A. Kushman, Reg. No. 25,634; David R. Svrowik, Reg. No. 27,956; Mark A. Cantor, Reg. No. 30,614; Ralph M. Burton, Reg. No. 17,748; Robert C.J. Tuttle, Reg. No. 27,962; Earl J. LaFontaine, Reg. No. 30,766; Ronald M. Nabozny, Reg. No. 28,648; Thomas A. Lewry, Reg. No. 30,770; John E. Nemazi, Reg. No. 30,876; Kevin J. Heini, Reg. No. 29,805; William G. Abbott, Reg. No. 31,936; Donald J. Harrington, Reg. No. 17,427; Frederick M. Ritchie, Reg. No. 18,569; Robert C. Brandenburg, Reg. No. 29,048; A. Frank Duke, Reg. No. 20,937; John M. Halan, Reg. No. 35,534; Jeffrey M. Szuma, Reg. No. 35,700; James R. Ignatowski, Reg. No. 26,741; Frank A. Angileri, Reg. No. 36,733; William G. Conger, Reg. No. 31,209; Sangeeta G. Shah, Reg. No. 38,614; Christopher W. Quinn, Reg. No. 38,274; Robert C. Jones, Reg. No. 35,209; David S. Bir, Reg. No. 38,383; James N. Kallis, Reg. No. 41,102; Hugo A. Delevie, Reg. No. 32,588; Michael S. Brodbine, Reg. No. 38,392; Jeremy J. Curcuri, Reg. No. 42,454; Mark D. Chuey, Reg. No. 42,415; Pete N. Kiouisis, Reg. No. 41,117; Stephanie M. Mansfield, Reg. No. 43,773; Mark E. Stuenkel, Reg. No. 44,364; Marthew R. Mowers, Reg. No. 44,956; Ginta Kukainis, Reg. No. 46,082; Seth E. Rodack, Reg. No. 45,622; Marthew M. Jakubowski, Reg. No. 44,801; Marc Lorelli, Reg. No. 43,759; John S. Le Roy, Reg. No. 48,158; Thomas W. Cunningham, Reg. No. 48,722; John D. Russell, Reg. No. 47,048; Marc F. Malooley, Reg. No. P-50,624.

Address all correspondence and telephone calls to David R. Svrowik
at Brooks & Kushman P.C., 1000 Town Center, Twenty-Second Floor, Southfield, Michigan 48075, (248) 358-4400.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole or First Inventor Joseph P. Downes

Inventor's signature _____ Date _____

Post Office Address 27 Mayfield Road, Belmont, Massachusetts 02178

Residence (same as above) Citizenship United States of America

Full Name of Second Joint Inventor J. Miles Kane

Inventor's signature J. Miles Kane Date 02/05/02

Post Office Address 104 Willard Way, Plaistow, New Hampshire 03865

Residence (same as above) Citizenship United States of America

Full Name of Third Joint Inventor Frank B. Hunt, Jr.

Inventor's signature _____ Date _____

Post Office Address 465 Boston Turnpike, No. H3, Shrewsbury, Massachusetts 01545

Residence (same as above) Citizenship United States of America

Full Name of Fourth Joint Inventor Rainer Schramm

Inventor's signature R. Schramm Date 02/12/02

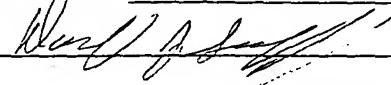
Post Office Address 13 Coolidge Street, Everett, Massachusetts 02149

Residence (same as above) Citizenship German

Declaration for Patent Application (cont'd.)

Atty. Docket No. GSIL0117PUSA

Full Name of Fifth Joint Inventor Donald J. Svetkoff

Inventor's signature  Date 12 Apr. 02

Mailing address 3630 Huron Court, Ann Arbor, Michigan 48103

Residence (same as above) Citizenship United States of America

Full Name of Sixth Joint Inventor _____

Inventor's signature _____ Date _____

Mailing address _____

Residence _____ Citizenship _____

Full Name of Seventh Joint Inventor _____

Inventor's signature _____ Date _____

Mailing address _____

Residence _____ Citizenship _____

Full Name of Eighth Joint Inventor _____

Inventor's signature _____ Date _____

Mailing address _____

Residence _____ Citizenship _____

Full Name of Ninth Joint Inventor _____

Inventor's signature _____ Date _____

Mailing address _____

Residence _____ Citizenship _____

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Inventor's signature _____ Date _____

Mailing address _____

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the specification of which:

[] is attached hereto; or
[X] was filed on (MM/DD/YYYY) January 25, 2001 as U.S. Application Number or PCT International Application Number PCT/US01/02354, and was amended on (MM/DD/YYYY) _____ (if applicable).

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| Application Number(s) | Filing Date (MM/DD/YYYY) |
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| 60/178,814 | January 28, 2000 |

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Inventor's signature _____ Date _____

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Full Name of Second Joint Inventor J. Miles Kane

Inventor's signature _____ Date _____

Post Office Address 104 Willard Way, Plaistow, New Hampshire 03865

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Full Name of Third-Joint Inventor Frank B. Hunt, Jr.

Inventor's signature Frank B. Hunt Jr. Date 1/23/02

Post Office Address 465 Boston Turnpike, No. H5, Shrewsbury, Massachusetts 01545

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Full Name of Fourth Joint Inventor Rainer Schramm

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Inventor's signature J. P. Downes Date 1/27/02

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Residence (same as above) Citizenship United States of America

Full Name of Second Joint Inventor J. Miles Kane

Inventor's signature _____ Date _____

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Inventor's signature _____ Date _____

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Inventor's signature _____ Date _____

Mailing address _____

Residence _____ Citizenship _____

Full Name of Tenth Joint Inventor _____

Inventor's signature _____ Date _____

Mailing address _____

Residence _____ Citizenship _____



UNITED STATES
PATENT AND
TRADEMARK OFFICE

JULY 08, 2002

PTAS

Under Secretary of Commerce For Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov

BROOKS & KUSHMAN P.C.
DAVID R. SYROWIK
1000 TOWN CENTER
TWENTY-SECOND FLOOR
SOUTHFIELD, MI 48075



102081626A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF
THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS
AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER
REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/15/2002

REEL/FRAME: 012855/0405
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

DOWNES, JOSEPH P.

DOC DATE: 01/27/2002

ASSIGNOR:

KANE, J. MILES

DOC DATE: 02/05/2002

ASSIGNOR:

HUNT, FRANK B. JR.

DOC DATE: 01/23/2002

ASSIGNOR:

SCHRAMM, RAINER

DOC DATE: 02/12/2002

ASSIGNOR:

SVETKOFF, DONALD J.

DOC DATE: 04/12/2002

ASSIGNEE:

GSI LUMONICS, INC.

GSI LUMONICS, INC.
105 SCHNEIDER ROAD
KANATA, ONTARIO K2K 1Y3, CANADA

012855/0405 PAGE 2

SERIAL NUMBER: 10019522
PATENT NUMBER:
PCT NUMBER: US0102354

FILING DATE: 04/15/2002
ISSUE DATE:

SHAREILL COLES, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

05-08-2002

FORM PTO-1595
(Modified)

102081626

VER SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Y

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Joseph P. Downes, J. Miles Kane, Frank B. Hunt, Jr.,
Rainer Schramm, Donald J. SvetkoffAdditional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Dates: January 23, 2002, January 27, 2002,
February 5, 2002, February 12, 2002,
April 12, 2002

2. Name and address of receiving party(ies):

Name: GSI Lumonics, Inc.

Internal Address: _____

Street Address: 105 Schneider Road

Kanata, Ontario K2K 1Y3 Canada

City: _____ State: _____ Zip: _____

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)
PCT/US01/02354

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: David R. Syrowik

Address: Brooks & Kushman P.C.

1000 Town Center, Twenty-Second Floor

City: Southfield State: MI ZIP: 48075

6. Total number of applications and patents involved: 1

7. Total Fee (37 C.F.R. § 3.41) \$ 40.00

 Enclosed Authorized to be charged to Deposit Account

8. Deposit Account Number: 02-3978

(Attach duplicate copy of this page if paying by Deposit Account)

6/15/2002 060014 0000000074 100193EE

FC:581

40.00 DP

DO NOT USE THIS SPACE

9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.

David R. Syrowik
Name of Person Signing

Signature

April 15, 2002
Date

Total number of pages including cover sheet, attachments, and document: 4

ASSIGNMENT

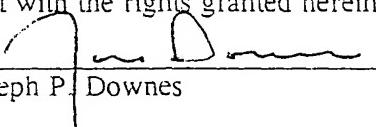
For the sum of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, We, Joseph P. Downes of 27 Mayfield Road, Belmont, Massachusetts 02178, J. Miles Kane of 104 Willard Way, Plaistow, New Hampshire 03868, Frank B. Hunt, Jr. of 465 Boston Turnpike, No. H5, Shrewsbury, Massachusetts 01545, Rainer Schramm of 13 Coolidge Street, Everett, Massachusetts 02149 and Donald J. Svetkoff of 3630 Huron Court, Ann Arbor, Michigan 48103, respectively, do hereby assign, sell and set over to GSI Lumonics, Inc., having a place of business at 105 Schneider Road, Kanata, Ontario K2K 1Y3, Canada, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in

LASER SCANNING METHOD AND SYSTEM FOR MARKING ARTICLES SUCH AS PRINTED CIRCUIT BOARDS, INTEGRATED CIRCUITS AND THE LIKE

set forth in the PCT International application No. PCT/US01/02354, filed on January 25, 2001, including the right of said ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for said inventions and discoveries in any and all foreign countries in its or their own name or names, or in our names, at its or their election, and we hereby assign, sell and set over to said ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority in and to said inventions and discoveries in all countries.

And we hereby agree for ourselves, our heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries and to perform any and all acts which said ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein assigned, sold and set over.

And we hereby represent and warrant that we have not granted any rights inconsistent with the rights granted herein.


Joseph P. Downes

Dated: 1/27/02

J. Miles Kane

Dated: _____

Frank B. Hunt, Jr.

Dated: _____

Rainer Schramm

Dated: _____

Donald J. Svetkoff

Dated: _____

ASSIGNMENT

For the sum of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, We, Joseph P. Downes of 27 Mayfield Road, Belmont, Massachusetts 02178, J. Miles Kane of 104 Willard Way, Plaistow, New Hampshire 03868, Frank B. Hunt, Jr. of 465 Boston Turnpike, No. H5, Shrewsbury, Massachusetts 01545, Rainer Schramm of 13 Coolidge Street, Everett, Massachusetts 02149 and Donald J. Svetkoff of 3630 Huron Court, Ann Arbor, Michigan 48103, respectively, do hereby assign, sell and set over to GSI Lumonics, Inc., having a place of business at 105 Schneider Road, Kanata, Ontario K2K 1Y3, Canada, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in

LASER SCANNING METHOD AND SYSTEM FOR MARKING ARTICLES SUCH AS PRINTED CIRCUIT BOARDS, INTEGRATED CIRCUITS AND THE LIKE

set forth in the PCT International application No. PCT/US01/02354, filed on January 25, 2001, including the right of said ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for said inventions and discoveries in any and all foreign countries in its or their own name or names, or in our names, at its or their election, and we hereby assign, sell and set over to said ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority in and to said inventions and discoveries in all countries.

And we hereby agree for ourselves, our heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries and to perform any and all acts which said ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein assigned, sold and set over.

And we hereby represent and warrant that we have not granted any rights inconsistent with the rights granted herein.

Joseph P. Downes

J. Miles Kane

Frank B. Hunt, Jr.

Rainer Schramm

Donald J. Svetkoff

Dated: _____

Dated: 02/05/02

Dated: _____

Dated: 02/12/02

Dated: 12 Apr 02

ASSIGNMENT

For the sum of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, We, Joseph P. Downes of 27 Mayfield Road, Belmont, Massachusetts 02178, J. Miles Kane of 104 Willard Way, Plaistow, New Hampshire 03868, Frank B. Hunt, Jr. of 465 Boston Turnpike, No. H5, Shrewsbury, Massachusetts 01545, Rainer Schramm of 13 Coolidge Street, Everett, Massachusetts 02149 and Donald J. Svetkoff of 3630 Huron Court, Ann Arbor, Michigan 48103, respectively, do hereby assign, sell and set over to GSI Lumonics, Inc., having a place of business at 105 Schneider Road, Kanata, Ontario K2K 1Y3, Canada, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in

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And we hereby represent and warrant that we have not granted any rights inconsistent with the rights granted herein.

Joseph P. Downes

Dated: _____

J. Miles Kane

Dated: _____

Frank B. Hunt, Jr.

Dated: 1/23/02

Rainer Schramm

Dated: _____

Donald J. Svetkoff

Dated: _____